JUNMING QIU

jq741@nyu.edu | (347) - 909 – 6568 | 1912 Narragansett Ave, Bronx, New York

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EDUCATION

NYU Tandon School of Engineering — Brooklyn, NY

Bachelor of Science in Computer Science — May 2023

- **GPA:** 3.90

Grace Church School — New York, NY

High School Diploma — May 2019

- **GPA:** 3.90
- **Academic Honors:** Commendation for Academic Achievement: A- or higher in all classes — 2015 - 2018

SKILLS

- **Python:** computer vision (OpenCV), networking using sockets, Django, and ROS — 2017 - Present
- **HTML & CSS:** creating and designing responsive web pages, integration of web page to database — 2018 - Present
- **Arduino:** designing and writing Arduino code for motor control and networking — 2018 - Present
- **JavaScript:** creating additional functions on web pages and generating visualizations — 2019 - Present
- **SCRUM:** participating in as well as partially leading SCRUM subteam — 2019 - Present
- **SQL:** good experience with SQLite and PostgreSQL for webapp development — 2020 - Present

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EXPERIENCE

NYU — Brooklyn, New York

Robotics Design Team — Sep 2019 - Present

Member

- Worked with the robotics team's software subteam to develop and implement code to remotely communicate to a robot
- Had a major role in writing and developing code to detect position of robot with high precision via Apriltags and computer vision
- SCRUM experience: Participated in all sprint plannings, reviews, and retrospectives

Dr. Ari Melnick's Cancer Research Lab at Weill Cornell Medicine — 413 E 69th St., New York, NY

Intern — Jun 2018 - Aug 2018

- Supported research to screen potential therapeutic drugs for the killing of Diffuse Large B-Cell Lymphoma cells by using Sirtuin 3 protein as a drug target
- Conducted a wide variety of experiments including DNA Cloning, Western Blotting, PCR, cell death assay, and drug testing
- Provided innovation ideas for early detection of diseases and drug development particularly for specific killing of cancer cells

GO Project — 86 4th Avenue, New York, NY 10003

Volunteer — Jan 2019 - Jun 2019

- Worked with a classroom of around 20 4th graders, teaching math and writing, and facilitating various athletic activities
- Supported in organizing and creating activities for students, such as work packets and recess games

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ACADEMIC PROJECTS

Computer Programming- Grace Church School — Sep 2016 - Mar 2017

- Completed and presented to an audience of the entire grade and their parents about an individual, year-long research project in learning C++ and programming a video game

Webapp Development: - NYU: http://www.cliqueio.com/ — May 2020 - Aug 2020

- Worked with a small team of passionate CS students to use Django to design and develop a startup recruitment website complete with user authentication, live chat, friends system, post system, and custom search engine. Focused on database management.

ACTIVITIES

Grace Church High School Science Olympiad Team — New York, NY

Senior Member — Sep 2016 - May 2019

- Competed in 3 regional competitions
- Medaled *3rd place* in Rocks and Minerals at Dartmouth Regionals (2017)
- Medaled *8th place* in Remote Sensing at New York City Metro Regionals (2018)